

03050204-060
(Goodland Creek)

General Description

Watershed 03050204-060 is located in Orangeburg and Aiken Counties and consists primarily of *Goodland Creek* and its tributaries. The watershed occupies 26,687 acres of the Upper Coastal Plain region of South Carolina. The predominant soil types consist of an association of the Fuquay-Dothan-Troup series. The erodibility of the soil (K) averages 0.12; the slope of the terrain averages 4%, with a range of 0-10%. Land use/land cover in the watershed includes: 0.79% urban land, 35.14% agricultural land, 15.40% scrub/shrub land, 0.09% barren land, 27.59% forested land, 20.02% forested wetland (swamp), 0.03% nonforested wetland (marsh), and 0.44% water.

Goodland Creek flows through Capers Mill Pond and accepts drainage from Gin Branch and Tampa Creek before draining into the South Fork Edisto River. There are a total of 28.2 stream miles in this watershed, all classified FW.

Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
E-036/E-598	S/BIO	FW	GOODLAND CREEK AT SC 4, 2.1 MI E OF SPRINGFIELD

Goodland Creek (E-036 and E-598) - This stream was Class B until April, 1992. Aquatic life uses are fully supported based on macroinvertebrate community data, but there are significant decreasing trends in dissolved oxygen and pH and a significant increasing trend in turbidity. A significant decreasing trend in five-day biochemical oxygen demand suggests improving conditions for this parameter. Recreational uses are not supported due to fecal coliform bacteria excursions, compounded by a significant increasing trend in fecal coliform bacteria concentration.

A fish consumption advisory has been issued by the Department for mercury and includes the streams within this watershed (see advisory p.31).

Permitted Activities

Point Source Contributions

<i>RECEIVING STREAM</i>	<i>NPDES#</i>
<i>FACILITY NAME</i>	<i>TYPE</i>
<i>PERMITTED FLOW @ PIPE (MGD)</i>	<i>LIMITATION</i>
<i>COMMENT</i>	
GOODLAND CREEK	SC0023281
TOWN OF SPRINGFIELD/PLANT #2	MINOR MUNICIPAL
PIPE #: 001 FLOW: 0.06	EFFLUENT

Growth Potential

There is a low potential for growth in this watershed.